

The diagram illustrates a roaming authentication system architecture. It features two roaming customers, labeled 10 and 12, each with a laptop. Customer 10 is associated with the email address 'username@RegionWithLDAP.r.com' and is connected to a Network Access Server (NAS), labeled 14. Customer 12 is associated with the email address 'username@NoLDAPRegion.r.com' and is connected to the same NAS via a dashed line. The NAS is connected to a cloud representing the Internet, labeled 16. A wireless signal, labeled 18, connects the Internet cloud to a pair of server racks, labeled 20 and 22, which form the RADIUS Proxy. The RADIUS Proxy is connected to a large cloud representing the corporate network. Within this network cloud, there are two main regions: 'RegionWithLDAP.r.com' and 'NoLDAPRegion.r.com'. 'RegionWithLDAP.r.com' contains an LDAP database (labeled 26) and a server (labeled 24). 'NoLDAPRegion.r.com' contains an SMS/AMS database (labeled 32), a server (labeled 30), and a mobile phone (labeled 28). A dashed line labeled 'LDAP' connects the RADIUS Proxy to the LDAP database in the first region. A solid line connects the RADIUS Proxy to the server in the second region. The entire system is designed to authenticate roaming customers across different network regions.

1